

Segment ID: 0608 **Water body name: Village Creek**

Freshwater Stream

Neches River Basin

Total size:

53 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	From FM 418 to Lake Kimble dam	38	25	0	
2002	Dissolved Oxygen grab average	No Concern	From confluence with Neches River to FM 418	15	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From FM 418 to Lake Kimble dam	38	25	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From confluence with Neches River to FM 418	15	14	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From FM 418 to Lake Kimble dam	38	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From confluence with Neches River to FM 418	15	2	0	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From FM 418 to Lake Kimble dam	38	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From confluence with Neches River to FM 418	15	2	0	
2002	Acute Metals in water	No Concern-Limited Data	From FM 418 to Lake Kimble dam	38	4	0	
2002	Acute Metals in water Aluminum	Use Concern-Limited Data	From confluence with Neches River to FM 418	15	7	1	
2002	Chronic Metals in water	No Concern-Limited Data	From FM 418 to Lake Kimble dam	38	4		
2002	Chronic Metals in water Lead	Use Concern-Limited Data	From confluence with Neches River to FM 418	15	7		0.408
2002	Acute Organics in water	Not Assessed	From confluence with Neches River to FM 418	15	1		
2002	Chronic Organics in water	Not Assessed	From confluence with Neches River to FM 418	15	1		
2002	Habitat	No Concern-Limited Data	From confluence with Neches River to FM 418	15	1	0	22
2002	Fish Community	Fully Supporting	From confluence with Neches River to FM 418	15	2	0	55
2002	Overall Aquatic Life Use	Fully Supporting	From FM 418 to Lake Kimble dam	38			
2002	Overall Aquatic Life Use	Fully Supporting	From confluence with Neches River to FM 418	15			

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Contact Recreation Use

2002	E. coli single sample	Not Assessed	From FM 418 to Lake Kimble dam	38	0		
2002	E. coli single sample	Not Assessed	From confluence with Neches River to FM 418	15	0		
2002	E. coli geometric mean	Not Assessed	From FM 418 to Lake Kimble dam	38	0		
2002	E. coli geometric mean	Not Assessed	From confluence with Neches River to FM 418	15	0		
2002	Fecal coliform single sample	Fully Supporting	From FM 418 to Lake Kimble dam	38	24	5	
2002	Fecal coliform single sample	Fully Supporting	From confluence with Neches River to FM 418	15	12	1	
2002	Fecal coliform geometric mean	Fully Supporting	From FM 418 to Lake Kimble dam	38	24		66.8
2002	Fecal coliform geometric mean	Fully Supporting	From confluence with Neches River to FM 418	15	12		88
2002	Overall Recreation Use	Fully Supporting	From FM 418 to Lake Kimble dam	38			
2002	Overall Recreation Use	Fully Supporting	From confluence with Neches River to FM 418	15			

General Use

2002	Water Temperature	Fully Supporting	From FM 418 to Lake Kimble dam	38	31	0	
2002	Water Temperature	Fully Supporting	From confluence with Neches River to FM 418	15	14	0	
2002	pH	Partially Supporting	From FM 418 to Lake Kimble dam	38	24	6	
2002	pH	Fully Supporting	From confluence with Neches River to FM 418	15	14	0	
2002	Chloride	Fully Supporting	From FM 418 to Lake Kimble dam	38	34		13.8
2002	Chloride	Fully Supporting	From confluence with Neches River to FM 418	15	34		13.8
2002	Sulfate	Fully Supporting	From FM 418 to Lake Kimble dam	38	12		4.9
2002	Sulfate	Fully Supporting	From confluence with Neches River to FM 418	15	12		4.9
2002	Total Dissolved Solids	Fully Supporting	From FM 418 to Lake Kimble dam	38	45		60
2002	Total Dissolved Solids	Fully Supporting	From confluence with Neches River to FM 418	15	45		60

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General Use (continued)

2002	Overall General Use	Partially Supporting	From FM 418 to Lake Kimble dam	38			
2002	Overall General Use	Fully Supporting	From confluence with Neches River to FM 418	15			

Fish Consumption Use

2002	Human Health Criteria Metals	No Concern-Limited Data	From FM 418 to Lake Kimble dam	38			
2002	Human Health Criteria Metals	No Concern-Limited Data	From confluence with Neches River to FM 418	15	7		
2002	Overall Fish Consumption Use	Not Assessed	From FM 418 to Lake Kimble dam	38			
2002	Overall Fish Consumption Use	Not Assessed	From confluence with Neches River to FM 418	15			

Public Water Supply Use

2002	Surface Water: Long-term average	No Concern-Limited Data	From FM 418 to Lake Kimble dam	38	4		
2002	Surface Water: Long-term average Metals	No Concern-Limited Data	From confluence with Neches River to FM 418	15	7		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From FM 418 to Lake Kimble dam	38	25		0.073
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	From confluence with Neches River to FM 418	15	12		0.062
2002	Surface Water: Long-term average Organics	No Concern-Limited Data	From confluence with Neches River to FM 418	15	2		
2002	Surface Water: Running average	No Concern-Limited Data	From FM 418 to Lake Kimble dam	38	4	0	
2002	Surface Water: Running average Metals	No Concern-Limited Data	From confluence with Neches River to FM 418	15	7		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From FM 418 to Lake Kimble dam	38	25	0	

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Public Water Supply Use (continued)

2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	From confluence with Neches River to FM 418	15	12	0	
2002	Surface Water: Running average Organics	No Concern-Limited Data	From confluence with Neches River to FM 418	15	2		
2002	Overall Public Water Supply Use	Fully Supporting	From FM 418 to Lake Kimble dam	38			
2002	Overall Public Water Supply Use	Fully Supporting	From confluence with Neches River to FM 418	15			

Overall Use Support

2002		Partially Supporting	From FM 418 to Lake Kimble dam	38			
2002		Fully Supporting	From confluence with Neches River to FM 418	15			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	From FM 418 to Lake Kimble dam	38	22	0	
2002	Ammonia Nitrogen	No Concern	From confluence with Neches River to FM 418	15	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From FM 418 to Lake Kimble dam	38	22	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From confluence with Neches River to FM 418	15	12	0	
2002	Orthophosphorus	Not Assessed	From FM 418 to Lake Kimble dam	38	5	0	
2002	Orthophosphorus	No Concern	From confluence with Neches River to FM 418	15	13	0	
2002	Total Phosphorus	Not Assessed	From FM 418 to Lake Kimble dam	38	5	0	
2002	Total Phosphorus	No Concern	From confluence with Neches River to FM 418	15	13	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Overall Nutrient Enrichment Concerns	No Concern	From confluence with Neches River to FM 418	15			

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Algal Growth Concern

2002	Chlorophyll a	Not Assessed	From FM 418 to Lake Kimble dam	38	0		
2002	Chlorophyll a	No Concern	From confluence with Neches River to FM 418	15	13	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	From FM 418 to Lake Kimble dam	38	3		
2002	Metals in sediment Manganese	Not Assessed	From confluence with Neches River to FM 418	15	1	1	
2002	Organics in sediment	Not Assessed	From confluence with Neches River to FM 418	15	1	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	From FM 418 to Lake Kimble dam	38			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From confluence with Neches River to FM 418	15			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	Not Assessed	From confluence with Neches River to FM 418	15	4	0	
2002	Organics in fish tissue	Not Assessed	From confluence with Neches River to FM 418	15	4	0	
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From FM 418 to Lake Kimble dam	38			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Neches River to FM 418	15			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: Chloride	No Concern	From confluence with Neches River to FM 418	15			
2002	Finished Water: Sulfate	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: Sulfate	No Concern	From confluence with Neches River to FM 418	15			

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Public Water Supply Concern (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: Total Dissolved Solids	No Concern	From confluence with Neches River to FM 418	15			
2002	Finished Water: MTBE	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: MTBE	No Concern	From confluence with Neches River to FM 418	15			
2002	Finished Water: Perchlorate	Not Assessed	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: Perchlorate	Not Assessed	From confluence with Neches River to FM 418	15			
2002	Finished Water: Overall	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Finished Water: Overall	No Concern	From confluence with Neches River to FM 418	15			
2002	Surface Water: Chloride	No Concern	From FM 418 to Lake Kimble dam	38	34		13.8
2002	Surface Water: Chloride	No Concern	From confluence with Neches River to FM 418	15	34		13.8
2002	Surface Water: Sulfate	No Concern	From FM 418 to Lake Kimble dam	38	12		4.9
2002	Surface Water: Sulfate	No Concern	From confluence with Neches River to FM 418	15	12		4.9
2002	Surface Water: Total Dissolved Solids	No Concern	From FM 418 to Lake Kimble dam	38	45		60
2002	Surface Water: Total Dissolved Solids	No Concern	From confluence with Neches River to FM 418	15	45		60
2002	Surface Water: Overall	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Surface Water: Overall	No Concern	From confluence with Neches River to FM 418	15			
2002	Overall Public Water Supply Concerns	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Overall Public Water Supply Concerns	No Concern	From confluence with Neches River to FM 418	15			

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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From FM 418 to Lake Kimble dam	38			
2002	Overall Narrative Criteria Concerns	No Concern	From confluence with Neches River to FM 418	15			

Overall Secondary Concern

2002		No Concern	From FM 418 to Lake Kimble dam	38			
2002		No Concern	From confluence with Neches River to FM 418	15			